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Substitute for form 1449/PTO		Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/530,546	
		Filing Date	2003-10-09	
		First Named Inventor	PROCTOR JR; James A.,	
		Art Unit	2445	
		Examiner Name	Patrice L. Winder	
Sheet	1	of	8	Attorney Docket No: 080586

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /P.W./

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2(a)} (known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	001	US4777653	10-11-1988	BONNEROT; Georges, et al.	
	002	US5095528	03-10-1992	LESLIE; Samuel A., et al.	
	003	US5333175	07-26-1994	ARIYAVISITAKUL; Sirikiat, et al.	
	004	US5383144	01-17-1995	KATO; Shiro	
	005	US5767788	06-16-1998	NESS; James C.	
	006	US5825809	10-20-1998	SIM; Bok-Tae	
	007	US6539028	03-25-2003	SOH; Kok Hong, et al.	
	008	US6549542	04-15-2003	DONG; Sung-Soo, et al.	
	009	US6694125	02-17-2004	WHITE; Stanley A., et al.	
	010	US6766113	07-20-2004	AL-SALAMEH; Daniel Y., et al.	
	011	US7043203	05-09-2006	MIQUEL; Xavier Barba, et al.	
	012	US7123670	10-17-2006	GILBERT; Jeffrey M., et al.	
	013	US7133460	11-07-2006	BAE; Sang-Min, et al.	
	014	US20010018328	08-30-2001	OHKURA; Yoshinori, et al.	
	015	US20010040699	11-15-2001	OSAWA; Hidefumi, et al.	
	016	US20010050580	12-13-2001	O'toole; James E., et al.	
	017	US20010050906	12-13-2001	ODENWALDER; Joseph P., et al.	
	018	US20020004924	01-10-2002	KIM; Min-Koo, et al.	
	019	US20020034958	03-21-2002	OBERSCHMIDT; Gerald, et al.	

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DATE CONSIDERED

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		Number-Kind Code ^{2(f)} (known)			
	020	US20020119783	08-29-2002	BOURLAS; Yair, et al.	
	021	US20020159506	10-31-2002	ALAMOUTI, Siavash, et al.	
	022	US20030179734	09-25-2003	TSUTSUMI; Takayuki, et al.	
	023	US20030211828	11-13-2003	DALGLEISH; Robert, et al.	
	024	US20040208258	10-21-2004	LOZANO; Angel, et al.	
	025	US20040235417	11-25-2004	DEAN; Richard F.	
	026	US20040248581	12-09-2004	SEKI; Hiroyuki, et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 6
		Country Code ³ Number ⁴ -Kind Code ⁵ (if known)				
	027	EP0709973A1	05-01-1996	NTT MOBILE COMMUNICATIONS NETWORK INC.		<input type="checkbox"/>
	028	EP0715423	06-05-1996	AT & T CORP [US]		<input type="checkbox"/>
	029	EP0847146A2	06-10-1998	NEC CORP [JP]		<input type="checkbox"/>
	030	EP0853393A1	07-15-1998	NTT MOBILE COMMUNICATIONS		<input type="checkbox"/>

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				NETWORK INC.		
	031	GB2351420A	12-27-2000	MOTOROLA LTD.		<input type="checkbox"/>
	032	JP05063623	03-12-1993	NEC CORP.		<input checked="" type="checkbox"/>
	033	JP05102907	04-23-1993	FUJITSU LTD.		<input checked="" type="checkbox"/>
	034	JP06334577	12-02-1994	NIPPON TELEGRAPH & TELEPHONE.		<input checked="" type="checkbox"/>
	035	JP07030473	01-31-1995	NIPPON TELEGRAPH & TELEPHONE		<input checked="" type="checkbox"/>
	036	JP07079205	03-20-1995	NIPPON TELEGRAPH & TELEPHONE.		<input checked="" type="checkbox"/>
	037	JP09018484A	01-17-1997	TEC CORP.		<input checked="" type="checkbox"/>
	038	JP09182155	07-11-1997	HITACHI LTD.		<input checked="" type="checkbox"/>
	039	JP10032557A	02-03-1998	NEC CORP.		<input checked="" type="checkbox"/>
	040	JP11055713	02-26-1999	MATSUSHITA ELECTRIC IND CO LTD.		<input checked="" type="checkbox"/>
	041	JP11127104	05-11-1999	MATSUSHITA ELECTRIC IND CO LTD.		<input checked="" type="checkbox"/>
	042	JP2000031877	01-28-2000	SHARP CORP.		<input checked="" type="checkbox"/>
	043	JP2000082983A	03-21-2000	KOKUSAI ELECTRIC CO LTD.		<input checked="" type="checkbox"/>
	044	JP2000269873	09-29-2000	KOKUSAI ELECTRIC CO LTD.		<input checked="" type="checkbox"/>
	045	JP2000502218T	02-22-2000	QUALCOMM INC.		<input checked="" type="checkbox"/>
	046	JP2001111575A	04-20-2001	MATSUSHITA ELECTRIC IND CO LTD.		<input checked="" type="checkbox"/>

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		Examiner Name	Patrice L. Winder	
Sheet	4	of	8	Attorney Docket No: 080586

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	047	JP2001244864A	09-07-2001	HITACHI LTD.		<input checked="" type="checkbox"/>
	048	JP2002033691	01-31-2002	SONY INT EUROP GMBH.		<input checked="" type="checkbox"/>
	049	JP2002111571A	04-12-2002	NIPPON TELEGR & TELEPH CORP.		<input checked="" type="checkbox"/>
	050	JP62040895	02-21-1987	TOSHIBA CORP.		<input checked="" type="checkbox"/>
	051	JP63160442	07-04-1988	HITACHI DENSHI LTD.		<input checked="" type="checkbox"/>
	052	JP64011428	01-17-1989	TOYO COMMUN EQUIP CO LTD.		<input checked="" type="checkbox"/>
	053	KR100610929	08-10-2006	SAMSUNG THALES CO LTD [KR]		<input checked="" type="checkbox"/>
	054	RU2120702C1	10-20-1998	BRITISH TELEKOMM/JUNIKEJSHN Z PABLIK LIMITED KOMPAN.		<input type="checkbox"/>
	055	WO0050971A2	08-31-2000	BERKELEY CONCEPT RESEARCH CORP [US]		<input type="checkbox"/>
	056	WO0152447	07-19-2001	ANDREW CORP [US], et al.		<input type="checkbox"/>
	057	WO0182512A1	11-01-2001	KOREA TELECOM FREETEL CO LTD [KR], et al.		<input type="checkbox"/>
	058	WO03013005A2	02-13-2003	SPOTWAVE WIRELESS INC [CA]		<input type="checkbox"/>
	059	WO04032362	04-15-2004	WIDEFI, INC.		<input type="checkbox"/>
	060	WO04038958	05-06-2004	WIDEFI, INC.		<input type="checkbox"/>
	061	WO2004001986A2	12-31-2003	TANTIVY COMM INC [US]		<input type="checkbox"/>

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	062	WO92014339	08-20-1992	BRITISH TELECOMMUNICATIONS.		<input type="checkbox"/>
	063	WO97034434	09-18-1997	MOTOROLA INC [US]		<input type="checkbox"/>
	064	WO9858461A1	12-23-1998	ERICSSON TELEFON AB L M [SE]		<input type="checkbox"/>
	065	WO9959264A2	11-18-1999	NOKIA NETWORKS OY [FI], et al.		<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>

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	066	Copy of First Office Action issued from the Chinese Patent Office in connection with corresponding Chinese application No. 200380101286.2 (01-19-2007).		<input type="checkbox"/>
	067	Draft IEEE Standard for Local and Metropolitan Area Networks- Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems; Amendment for Physical and Medium Access Control Layers for Combined Fixed and Mobile Operation in Licensed Bands. IEEE P802.16E/D12, Oct 2005.		<input type="checkbox"/>
	068	First Report issued by IP Australia on July 31, 2007 in connection with the corresponding Australian application No. 2003239577.		<input type="checkbox"/>
	069	Mexican Office communication dated July 2, 2007 issued from Mexican Patent Office for application PA/a/2004/011588 with partial translation thereof.		<input type="checkbox"/>
	070	Notification of the First Office Action from Chinese Patent Office dates September 8, 2006 for the corresponding Chinese patent application No.: 200380105267.7.		<input type="checkbox"/>

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	071	Office Action English translation dated July 4, 2008 issued from Chinese Patent Office for Application No. 03814391.7.	<input type="checkbox"/>
	072	Office Action English translation dated June 29, 2009 issued from Japanese Patent Office for Application No. 2004-541532 (080585JP).	<input type="checkbox"/>
	073	Office communication dated January 12, 2007 issued from the European Patent Office for counterpart application No. 03734139.9-1246.	<input type="checkbox"/>
	074	Official communication issued from the European Patent Office dated August 7, 2007 for the corresponding European patent application No. 03759271.4-2412.	<input type="checkbox"/>
	075	Official communication issued from the European Patent Office dated December 19, 2006 for the corresponding European patent application No. 03759271.4-2412.	<input type="checkbox"/>
	076	Second Office Action issued from the Chinese Patent Office on July 20, 2007 in connection with corresponding Chinese application No. 200380101286.2.	<input type="checkbox"/>
	077	Third Office Action issued from the Patent Office of People's Republic of China dated January 4, 2008 in corresponding Chinese Patent Application No. 200380101286.2.	<input type="checkbox"/>
	078	Translation of Office Action in Japanese application 2004-515701, corresponding to US application 10/516,327, citing WO00050971, JP2000-031877, JP2002-033691, JP2002-111571 and JP11-127104. Dated 2010-05-25 (080583JP).	<input type="checkbox"/>
	079	Translation of Office Action in Japanese application 2004-544751, corresponding to US application 10/531,078, citing WO00050971, JP2002-111571, JP05-102907, JP63-160442, JP2000-502218, JP10-032557 and JP2000-082983. Dated 2009-08-25 (080590JP).	<input type="checkbox"/>
	080	Translation of Office Action in Japanese application 2004-553510, corresponding to US application 10/533,589, citing WO00050971, JP09-182155, JP64-011428 and JP62-040895. Dated 2009-09-29 (080588JP).	<input type="checkbox"/>
	081	Translation of Office Action in Japanese application 2004-565505, corresponding to US application 10/563,471, citing JP08-097762 and JP2001-111575. Dated 2009-08-11 (080589JP).	<input type="checkbox"/>
	082	Translation of Office Action in Japanese application 2004-565505, corresponding to US application 10/563,471, citing JP08-097762, JP2001-111575, JP09-018484 and JP11-055713. Dated 2010-09-14 (080589JP).	<input type="checkbox"/>
	083	Translation of Office Action in Japanese application 2004-565505, corresponding to US application 10/563,471, citing JP09-018484. Dated 2010-02-23 (080589JP).	<input type="checkbox"/>

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	084	Translation of Office Action in Korean application 2008-7026775, corresponding to US application 11/730,361, citing KR100610929 Dated 2010-08-30 (080600KR).	<input type="checkbox"/>
	085	Translation of Office Action issued by Chinese Patent Office on October 19, 2007 in connection with the corresponding Chinese application No. 03814391.7.	<input type="checkbox"/>
			<input type="checkbox"/>
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